X3D Working Group Meeting
Wednesday, 2015-01-28

Attendees: Leonard Daly, Roy Walmsley, Joe Williams, Anita Havele
MIA: Bitmanagement, Fraunhofer, Nicholas Polys
Excused: Don Brutzman, Dick Puk

Focus: **Best practices, Mantis**

Meeting started at 8:04

1. Introductions (All)
    1.1. No new people, intros not required

2. Notice of latest posted minutes
    2.1. Minutes are being sent via email to WG.

3. Action Items (Review items for continued relevance)
    3.1. Add Spec Comments to Mantis (Leonard – ONGOING)
        3.1.1. Send out links to Mantis issues
    3.2. Need to validate examples for Binary spec (19776-3) (Don)
        3.2.1. Need person who can do Xj3D code fixes
        3.2.2. This might be resolved if there is a second implementation
    3.3. Improved process for interactively sharing documents and conversations (chat)
         (Leonard)
    3.4. Address a solution for 4.1.2
    3.5. Investigate Mantis upgrade (Leonard)
    3.6. Investigate Mantis plugins for semi-automated issue entry (Leonard)
    3.7. Develop prototype web comment form (Leonard)

4. Spec Status (Dick)
    4.1. Diagram showing spec document relationships:
        4.1.1. Chart with specification relationships
            http://www.web3d.org/specifications/X3dSpecificationRelationships.png
            http://www.web3d.org/specifications/X3dSpecificationRelationships.pdf
        4.1.2. Status of documents as it moves through the process (ballot -> editor's
            meeting -> etc…)
    4.2. 19775
        4.2.1. Abstract (19775-1)
        4.2.2. SAI (19775-2)
    4.3. 19776
        4.3.1. XML (Part 1)
        4.3.2. ClassicVRML (Part 2)
        4.3.3. Binary (Part 3)
    4.4. 19777

4.4.1. ECMAScript (Part 1)
4.4.2. Java (Part 2)
4.5. 19774
4.5.1. X3D WG will initially track H-Anim spec writing on a monthly basis as part of the Futures meeting
4.5.2. Minor changes in Annex A needed
4.5.3. Minor changes in specification text
4.5.4. Future changes include support for Motion

5. Schedule through the Year (Leonard)
5.1. Topics
5.1.1. 4 February 2015 – X3D Futures
5.1.2. 11 February 2015 – Compressed Binary Encoding
5.1.3. 18 February 2015 – Web Tools
5.1.4. 25 February 2015 – TBD
5.1.5. 4 March 2015 – X3D Futures
5.1.6. 11 March 2015 – JSON Encoding
5.1.7. 18 March 2015 – TBD
5.1.8. 25 March 2015 – TBD
5.1.9. 1 April 2015 – X3D Futures
5.1.10. 8 April 2015 – TBD
5.1.11. 15 April 2015 – TBD
5.1.12. 22 April 2015 – TBD
5.1.13. 29 April 2015 – TBD
5.1.14. 6 May 2015 – X3D Futures
5.1.15. 13 May 2015 – TBD
5.1.16. 20 May 2015 – TBD
5.1.17. 27 May 2015 – TBD
5.1.18. 3 June 2015 – X3D Futures
5.1.19. 10 June 2015 – TBD
5.1.20. 17 June 2015 – TBD (Web3D2015)
5.1.21. 24 June 2015 – TBD (Web3D2015)
5.1.22. 1 July 2015 – X3D Futures
5.1.23. 8 July 2015 – TBD
5.1.24. 15 July 2015 – TBD
5.1.25. 22 July 2015 – TBD
5.1.26. 29 July 2015 – TBD
5.1.27. 5 August 2015 – X3D Futures
5.1.28. 12 August 2015 – SIGGRAPH
5.1.29. 19 August 2015 – Cancelled
5.1.30. 26 August 2015 – TBD
5.1.31. 2 September 2015 – X3D Futures
5.1.32. 9 September 2015 – TBD
5.1.33. 16 September 2015 – TBD
5.1.34. 23 September 2015 – TBD
5.1.35. 30 September 2015 – TBD
5.1.36. 7 October 2015 – X3D Futures
5.1.37. 14 October 2015 – TBD
5.1.38. 21 October 2015 – TBD
5.1.39. 28 October 2015 – TBD

5.1.40. 4 November 2015 – X3D Futures
5.1.41. 11 November 2015 – TBD
5.1.42. 18 November 2015 – TBD
5.1.43. 25 November 2015 – TBD
5.1.44. 2 December 2015 – X3D Futures
5.1.45. 9 December 2015 – TBD
5.1.46. 16 December 2015 – TBD
5.1.47. 23 December 2015 – TBD
5.1.48. 30 December 2015 – Cancelled
5.2. Future Topics (in no particular order)
    5.2.1. X3D Security
    5.2.2. CAD Spec Comments on NURBS (V3.3)
    5.2.3. Mixed Reality Extensions (Handled by AR group) (V3.4+)
    5.2.4. EXI for Binary Encoding (V4.0/Liason WG)
    5.2.5. X3D Security (XML encryption, Transport) (V4.0/Liason WG)
    5.2.6. Annotation Component (CAD & MedWG) (V3.4)
    5.2.7. X3D, X3DOM, and the Future (V3.4/4.0)
    5.2.8. Compressed binary interoperability testing
    5.2.9. Other WG Updates (As needed)
    5.2.10. EaseIn/EaseOut Diagram changes (into 19775-1 Comments)
    5.2.11. X3D Futures meeting (sometime)
        5.2.11.1. BrlCAD
        5.2.11.2. SenseGraphics
    5.2.12. NRRD volume data file format for ISO Standardization

6. Marketing Updates (all)
6.1. Reports from the field
6.2. Use of the term "Serious VR" and "Serious 3D"
6.3. Looking for people to bring back information about use of X3D external to the Consortium

7. Mantis (all)
7.1. Mantis appears sufficient for our spec needs
    7.1.1. Consider Mantis upgrade (if available)
7.2. Interface from web comment form is poor
    7.2.1. Operation is currently manual
    7.2.2. Mantis may have a plugin to ease the process
    7.2.3. Need to construct interface from web comment system
7.3. There are other comment systems available
    7.3.1. One can be customized to exactly suit our needs
    7.3.2. Semi-automated interface not tremendously difficult
    7.3.3. Not significant work
7.4. Leonard to do the following
    7.4.1. Investigate Mantis upgrade
        7.4.1.1. Apply if minor
        7.4.1.2. Discuss with WG if major
    7.4.2. Investigate Mantis plugins for semi-automated issue entry
    7.4.3. Develop prototype web comment form
        7.4.3.1. Implement, if agreed to

Meeting ended at 8:57